

004230" 25067560

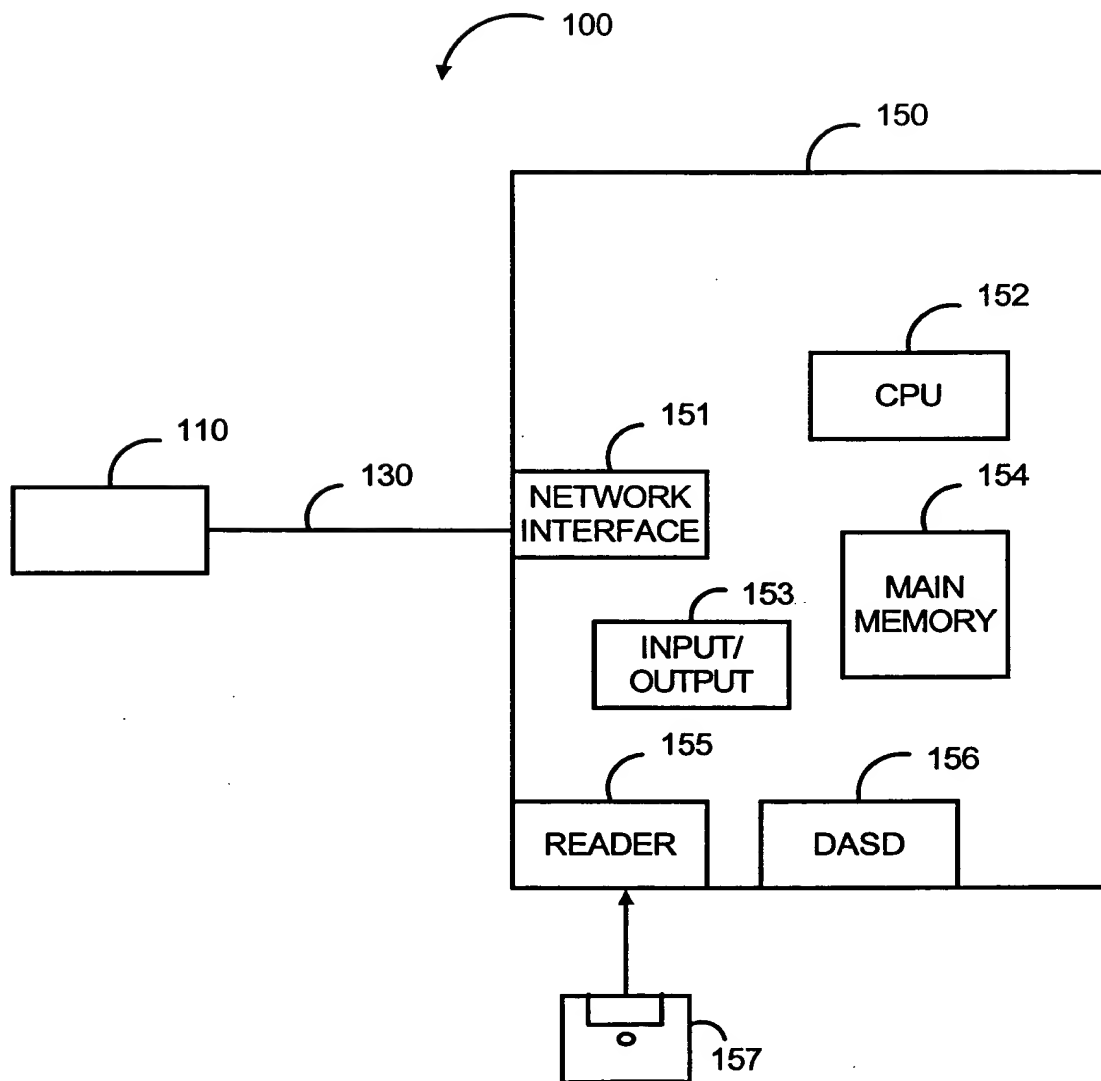


FIG. 1A

20120208502560

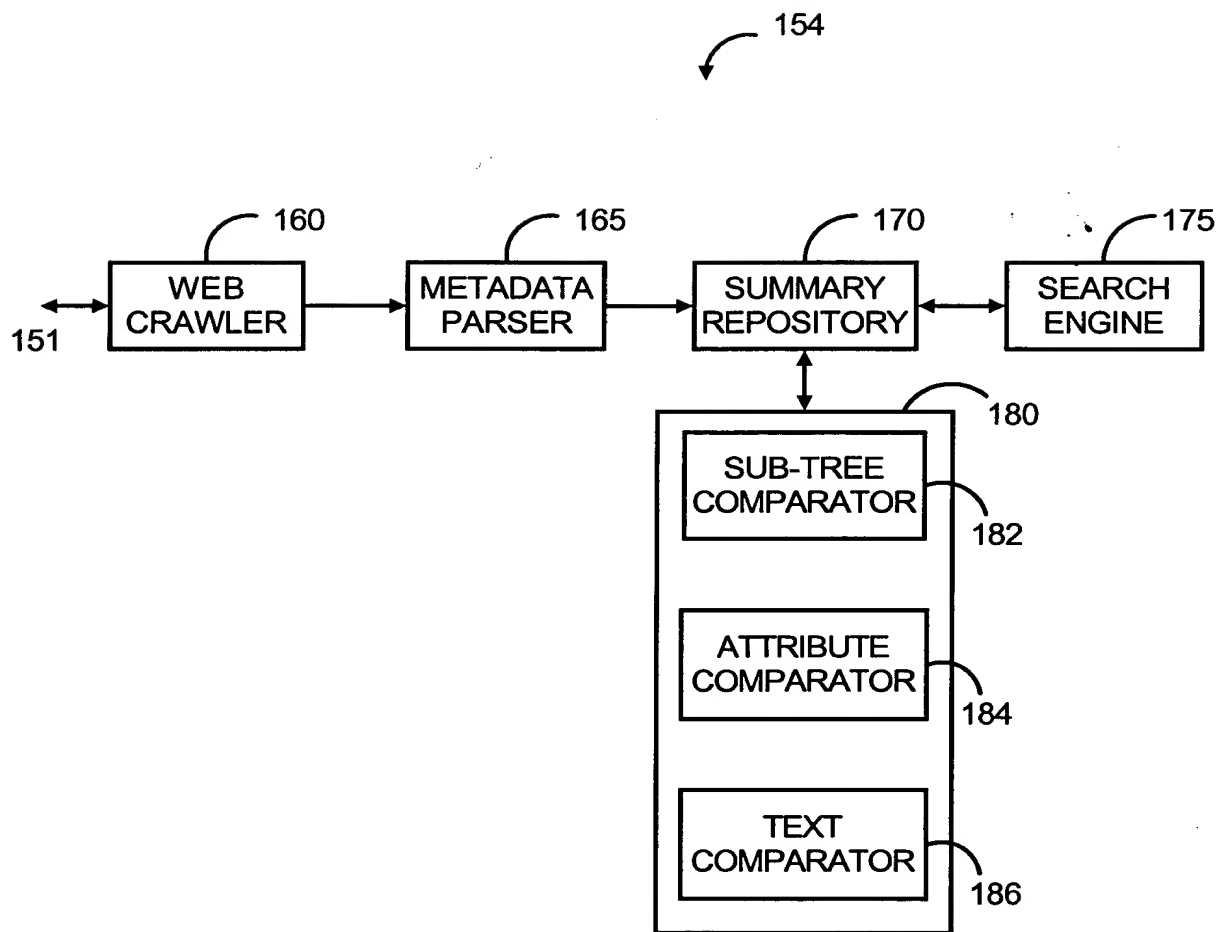


FIG. 1B

```
<?xml version="1.0"?>
<rdf:RDF xmlns:rdf="http://www.w3.org/schemas/rdf-schema">
  <!--
```

This RDF Description contains information about (1) the data gatherer and (2) the metadata of the data source.

```
    <rdf:Description gatherer="Grand Central Station Gatherer II"
                    gathered-on="Tue Mar 23 17:38:40 GMT 1999"
                    summarizer="com.ibm.almaden.gcs.summarizer.HTMLSummaryMaker"

                    resource="http://www.people.com/jane_doe/homepage.html"
                    source-last-modified="Tue Feb 17 15:43:58 GMT 1999"
                    mime-type="http/html"
                    content-length="46220"
                    source-is="Good"
                    comments="good"/>
  <!--
```

This RDF Description contains information about from the data source itself. In addition to textual information, it contains structural information, for example the URLs that the page points to.

```
    <rdf:Description html-title="Jane's Homepage" - 231
                    html-encoding="8859_1" - 232
                    abstract="Personal homepage of Jane Doe" - 233
```

<!-- The "ref-annotations" contains summaries of the out-links of the HTML page. In this case, the attribute "ref" gives the URL of the referenced page. The attribute "annotation" gives the text associated with each out-link.

```
    <ref-annotations>
      <rdf:Bag>
        <rdf:LI>
          <rdf:Description
            ref="http://www.yahoo.com/" - 234a
            annotation="Yahoo!"/>
          </rdf:LI>
          <rdf:LI>
            <rdf:Description
              ref="http://www.people.com/jane_doe/my_photo.jpg" - 234b
              annotation="picture of me."/>
            </rdf:LI>
          </rdf:Bag>
        </ref-annotations>
    <!--
```

The "presentation-text" contains the textual content of the HTML page that may be seen through a WWW browser.

```
    <presentation-text>
      <rdf:Bag>
        <rdf:LI>Welcome to my homepage. </rdf:LI>
        <rdf:LI>Use Yahoo! to search for something or look
          at a picture of me.</rdf:LI>
      </rdf:Bag>
    </presentation-text>
  </rdf:Description>
</rdf:RDF>
```

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234

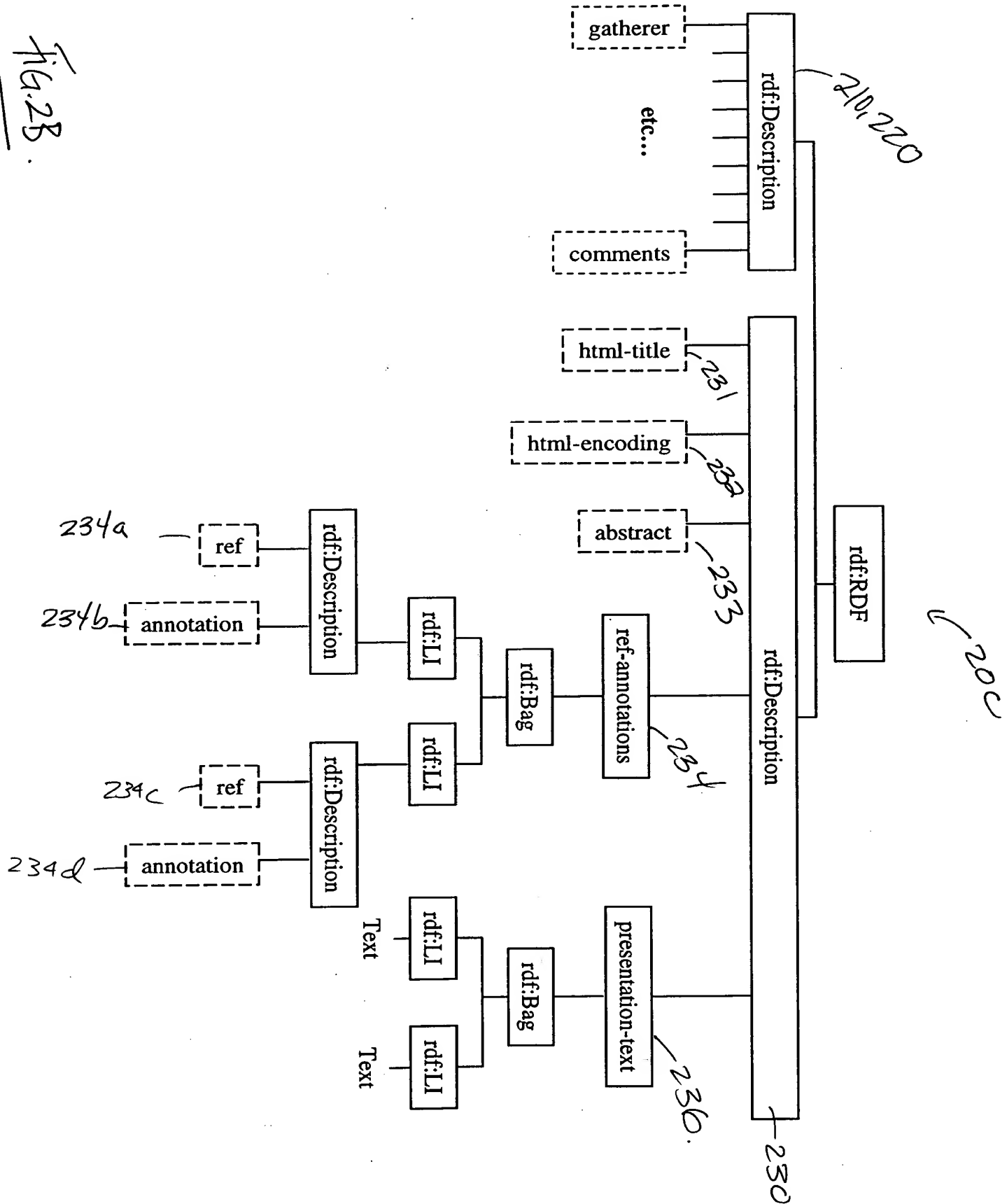
234a

234b

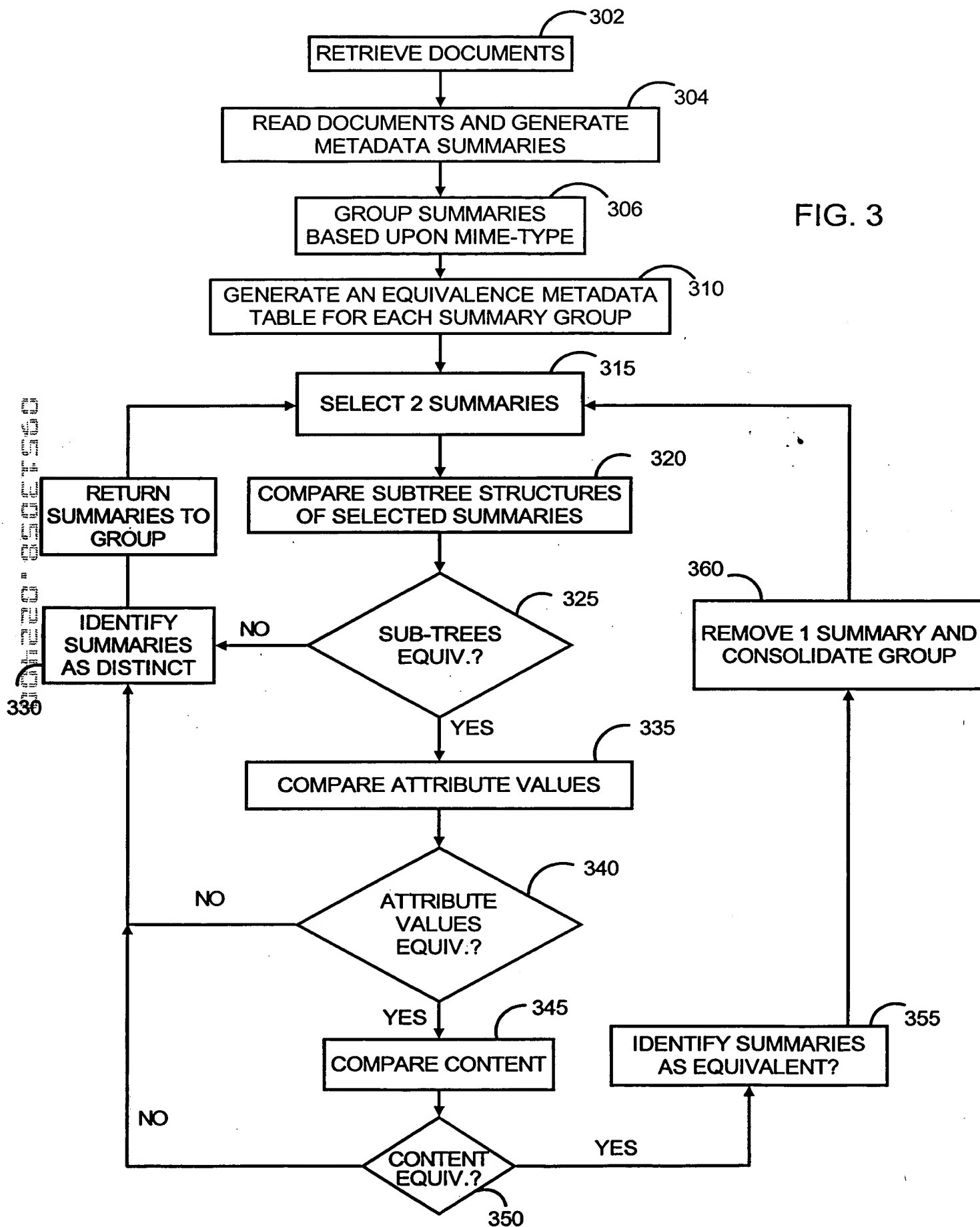
234c

234d

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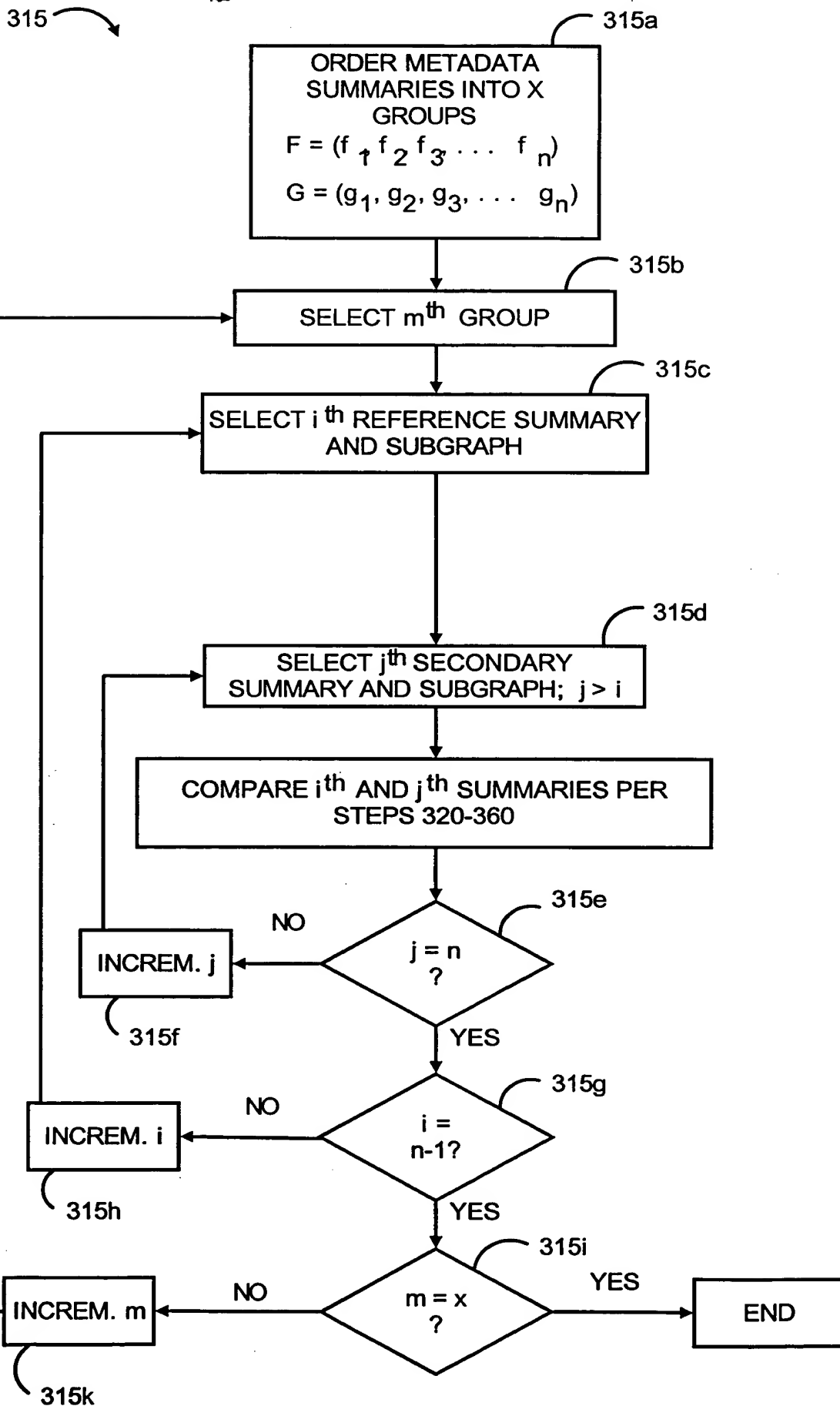


FIG. 4